

2422 to 2472

Hyd 721 to Hyd 777

1885.

No. *Hydg 721* Date *June 3 439 AM*
~~Tanner~~ Machine. Reel.

Turns *72* Cor. + *3* Depth *75*

Shot or lead *25 lb lead*

Bottom *fine gray sand*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *61* Surface *60* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 24127 Date June 3d. 5.40 AM
 Tanner Machine. Reel.

Turns 61 Cor. + 3 Depth 64

Shot or lead 25 lb lead

Bottom fine grey sand pebbles

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 61 Surface 61 Drift 6 SE 1 m.

Trawl or dredge Bean Trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5 21.0		0	5.53	6.33
5 41.7		62	6.13	
		200	6.13	6.25
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Munidos 3 spec 1 spec fish 4 spec
Crabs 4 spec Mollusk 3 spec fish
2 Ligon sharks

Hyd 722 No. Date June 3d 6.37 am
 Tanner Machine. Reel.

Turns 58 Cor. + 3 Depth 61

Shot or lead 25 lb lead

Bottom Coarse gray sand & pebbles

Bottom temperature 54

No. of thermometer 53741 Cor.

Corrected temperature

Air 61 Surface 61 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.37	6.40	0		
6.38	6.39	58 100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Dinghy left ship at 6:40 to
get. Trawl.

No. *723* Date *June 3d 9.41 am*

Tanner Machine. Reel.

Turns *65* Cor. + *3* Depth *68*

Shot or lead *25*

Bottom *fine gray sh. brk. shell*

Bottom temperature *52.5*

No. of thermometer *53741* Cor.

Corrected temperature

Air *66* Surface *67* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.42</i>		0		
<i>43</i>		68		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2422

2500

2600

9.55

82 time

2700

85 fms.

2800

Bottom Core by 2900

Temp 52

3000

no y therm

3100

537411

3200

3300

3400

3500

3600

3700

3800

3900

4000

Beam Trawl SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
00	10.03	10.37		
100	10.11	10.34		
200	10.18.	10.30.		
300				
400				
500				
600				
700				
800				
900				
1000				
11000				

Drift. E S E 1/2 m.

Drift. 1/2 m. ship
at 10.42 to S. to S. to S.

current of ground

REMARKS:

for small shales & Rays 2 Hake
4 flounders, 1 spec sponge, 1 spec hydroids
Ephyrae, 2 cup sponges, Bryozoa
Annelids Crustacea.

No. 724

Date Jan 10 1880

Machine. Reel.

Turns 72 Cor. + 3

Depth 75

Shot or lead 25 lb lead

Bottom Coarse grey sh. 11 fms 11 sh. 11

Bottom temperature 71.4-71.5 82.5

No. of thermometer None used Cor.

Corrected temperature

Air 67

Surface 67

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

10. 15

11

TURNS.

0

72

400

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 25 Date June 25 2.50 pm

Tanner Machine. V. Reel.

Turns 300 Cor. + 7 Depth 307

~~Shot or lead~~ 11 lb

Bottom green B

Bottom temperature 70.0

No. of thermometer Cor.

Corrected temperature

Air 65 Surface 67 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2423 Date June 3 PM
~~Tide~~ Machine. Reel.

Turns 129 Cor. + Depth 143

Shot or lead 25 lb

Bottom Green mud & fine sand

Bottom temperature not tested

No. of thermometer Cor.

Corrected temperature

Air 65 Surface 67 Drift W SW 1/2 M

Trawl or dredge Long beam trawl

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

3.11

3 46

100

15

3 42.30

150

200

3 39

250

3.20

3 36.50

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Ammonia Cebrenodonta americana
Ammonia small ones 3 or 4
 feet

No. 726 Date 30 3, 5
Tanner Machine. Reel.

Turns 100 Cor. + 3 Depth 103

Shot or lead 25 lead

Bottom gy. m. s. sh.

Bottom temperature 51.2

No. of thermometer 53741 Cor.

Corrected temperature

Air 67 Surface 67 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

DREDGE ROPE.

DOWN.

UP.

TURNS.

3.51

3.52

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

No. *727* Date *June*

Tanner Machine. Reel.

Turns. *131* Cor. + *4* Depth *135*Shot or lead *25*Bottom *fine mud fine sand*Bottom temperature *48.8*No. of thermometer *53741* Cor.

Corrected temperature

Air *59* Surface *68* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*5.20**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

*Singhy left at 5.15
 Singhy returned at 8.22
 6 Hake were taken*

1491

728	2500	2985	7.25
700	2600		
715	2700	160 fms	
680	2800		
650	2900	Temp 116.5	
620	3000		
590	3100	53.741	
	3200		
	3300		
540	3400	Surf 59	
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	8.35	15		20.723
50		15		
100		15		
200		52		Depth 53.700
300				
400				
500				
600				
700	8.35	75		73.0
800				
900				
1000	8.75			73

REMARKS:

730 Temp and time, easy to nothing

No. *2425*Date *June 11 1882**Atl.**Tanner* Machine. Reel.Turns *115* Cor. + *4* Depth *119*Shot or lead *25 lbs*Bottom *gy. sand & fine sh.*Bottom temperature *51 1/2*No. of thermometer *55741* Cor.

Corrected temperature

Air *72*Surface *69*Drift *SW 1 m*Trawl or dredge *Long Beach*

SOUNDING WIRE.

DOWN. *24 25* UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

11.53.00 *12.23*

100

59.10 *12.20*

200

12.03. *12.17.*

300

10. *12.16*

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Returned with trawl line at 2.25 p.m.**4' Hake and 1 large skate**seen below**Hydroids, sponges, sea urchins, Solaster**200 yds. sponges*

2426-

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
00	5.27	5. 2		
100	5.30	5. 50		
200	5.32	5. 2		
300	5.33	5. 45		
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *Hg 731* Date *June 5. 447 a.m.*

new Machine. Reel. *m. 1*

Turns *1* Cor. *81* Depth *870*

Shot or lead *25 lb lead*

Bottom *Green mud*

Bottom temperature *39.5*

No. of thermometer *53741* Cor.

Corrected temperature

Air *75* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

51 17

1 51 17

1 51 17

5 17

5 17

2500		
2600		
2700	355	355
2800		
2900		
3000		
3100	557	557
3200		
3300		
3400	47.10	47.10
3500	46.00	46.00
3600	44.46	44.46
3700	5.43.50	5.43.50
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 733 Date Nov 11Machine. // Reel.Turns 203 Cor. + 7 Depth 210Shot or lead 20 lb leadBottom fine mudBottom temperature 44No. of thermometer 53741 Cor.

Corrected temperature

Air 76 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

8.55 am. Dredge net
 lead below anchor
 will come down 3 fathoms
 Stand ahead to pick up
 net when it comes
 at 9.20 Dredge
 10.45 Dredge

Air 72. Wind 75

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *735* Date *Jan 31 1892* *Am.*
Sigsbee Machine. Reel. *No 1*
 Turns *16* Cor. + *1* Depth *17*
 Shot or lead *25*
 Bottom *gray Sd.*
 Bottom temperature *72*
 No. of thermometer *53741* Cor.
 Corrected temperature
 Air *75* Surface *75* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>141.30</i>	<i>142.20</i>	0		
		100		
		200		
<i>No</i>		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1736 *Hy* Date *Feb 2, 11**Tanner* Machine. Reel.Turns *47* Cor. + *7* Depth *54*~~Shot or lead~~ *20 lbs*Bottom *fine gray s. m.*Bottom temperature *63*No. of thermometer *537.41* Cor.

Corrected temperature

Air *76* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

2.12.00 *2.16.00*

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

*Tried for 10 min
for bottom
no. 1 to 1000*

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1737* Date *June 5th 2.36 PM.*
Tanner Machine. Reel.

Turns *70* Cor. + *2* Depth *72*

~~Shot or lead~~ *20 lbs*

Bottom *Crs Gray Sand & Brk Shells*

Bottom temperature *6.0*

No. of thermometer *53741* Cor.

Corrected temperature

Air *76* Surface *76* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2,36.00 *2.40.00*

36.30

0

70

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

1800 fms taken

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 738 Date May 2, 1891

Tanner Machine. Reel.

Turns 66 Cor. + 2 Depth 68

Shot or lead 20 lbs.

Bottom fine sand + coral

Bottom temperature 60

No. of thermometer 53741 Cor.

Corrected temperature

Air 76 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

25.30 25.30

25.30

0

66
100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Trawl or dredge

H. H. H.

Gaug.

2 Sea 4000

2 large 4000

2 of 4000 4000

Specie

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 739 Date June 5th 4.03 PM

Tanner Machine. Reel.

Turns 119 Cor. + 4 Depth 123~~Shot or lead~~ 20 lbs.Bottom gy. Sand blk spks, brkBottom temperature 53No. of thermometer 53741 Cor.

Corrected temperature

Air 76 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
4.02.30	4.05.00	0		
03.30	4.06.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Tried Land
lines for fish

None taken

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
*1000				

REMARKS:

No. 740 Date June 5 - 6.42 PM
 Machine. Reel.
 Turns 50 Cor. + 2 Depth 52 fms
 Shot or lead 20 lb lead
 Bottom Co. gy. M. bk. sh. oo.
 Bottom temperature 65
 No. of thermometer 53741 Cor.
 Corrected temperature
 Air 78 Surface 75 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 741 Date June 8.38 am

Tanner Machine. Reel.

Turns 64 Cor. 2 Depth 66 fm

~~Shot or lead~~ 20

Bottom fine gray sand. Hard green

Bottom temperature 58

No. of thermometer 53741 Cor.

Corrected temperature

Air 66 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Three hauls down, no hauls up

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *742* Date *June 6th 1881*
Turner Machine. Reel.

Turns *52* Cor. + *2* Depth *54*

Shot or lead *20*

Bottom *fine gray sand, black & pink*

Bottom temperature *61*

No. of thermometer *53741* Cor.

Corrected temperature

Air *66* Surface *75* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Two hours; no fish

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No.

7413

Date

Machine.

Machine.

Reel.

Turns

Cor.

Depth

Shot or lead

60 lb

Bottom

G. M. S. v. b.

Bottom temperature

37.4

No. of thermometer

53739

Cor.

+ .1

Corrected temperature

37.1

Air

66

Surface

69

Drift N 2 E

Trawl or dredge

1 foot

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

From the bottom to 2600 fathoms
depth of specimen
Thermometer

K. W. C. 77 m. S. 100

No. 1 Date

Sigsbee Machine. / Reel.

Turns / 100 Cor. 10 Depth

Shot or lead 35 lb

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 68 Surface 66 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0-0

29-30

30-30

31-30

32-30

33-30

34-40

35-00

36-20

37-40

38-05

39-15

40-15

41-45

42-10

43-10

44-10

45-10

46-10

47-10

48-10

49-10

50-10

51-10

52-10

53-10

54-10

55-10

56-10

24-40

23-15

22-30

21-40

20-50

19-55

18-55

17-50

16-35

15-20

14-00

12-40

11-10

09-45

08-10

07-10

06-50

05-30

04-35

03-45

02-00

01-00

00-00

00-00

00-00

00-00

00-00

00-00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

1242

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

See serial temp. log for details of observations.

45 m slow

No.

7-5 Type Date

690

Machine. 74/ Reel.

Turns 1125 Cor. 116 Depth 2671

Shot or lead 60 lb

Bottom

Bottom temperature

No. of thermometer 53731- Cor. - 2

Corrected temperature 87

Air 71 Surface 69 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| DOWN. | UP. | TURNS. |
|------------|-------|--------|
| * 11-05-00 | 56.30 | 0 |
| -05-50 | 55.30 | 100 |
| -06-50 | 54.40 | 200 |
| -07-45 | 53.45 | 300 |
| -08-40 | 52.50 | 400 |
| -09-35 | 51.45 | 500 |
| -10-35 | 50.40 | 600 |
| -11-40 | 49.30 | 700 |
| -12-40 | 48.20 | 800 |
| -13-40 | 47.00 | 900 |
| -14-50 | 45.40 | 1000 |
| -15-55 | 44.10 | 1100 |
| | 42.10 | 1200 |
| | 40.10 | 1300 |
| -19-35 | 39-50 | 1400 |
| | 37-50 | 1500 |
| -22-00 | 35-10 | 1600 |
| 23-20 | 33-10 | 1700 |
| 24-35 | 31-05 | 1800 |
| 25-55 | 29-05 | 1900 |
| | | 2000 |
| | | 2100 |
| | | 2200 |
| | | 2300 |
| | | 2400 |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

SRP

No. *726* Date *June 19th 1882*
Sigsbee Machine. / Reel.

Turns *1842* Cor. *3* Depth *2035*

Shot or lead *60 lb.*

Bottom *soft brown ooze*

Bottom temperature *37*

No. of thermometer *53731* Cor. *- .2*

Corrected temperature *36.8*

Air *67* Surface *59* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|----------------|--------------|----------------------------|--|--|
| <i>1,52.00</i> | <i>41.00</i> | <i>0</i> | | |
| <i>1,53.20</i> | <i>39.40</i> | <i>100</i> | | |
| <i>54.05</i> | <i>38.55</i> | <i>200</i> | | |
| <i>55.00</i> | <i>38.05</i> | <i>300</i> | | |
| <i>56.40</i> | <i>37.05</i> | <i>400</i> | | |
| <i>56.45</i> | <i>36.05</i> | <i>500</i> | | |
| <i>57.45</i> | <i>35.00</i> | <i>600</i> | | |
| <i>58.45</i> | <i>34.1</i> | <i>700</i> | | |
| <i>59.45</i> | <i>32.40</i> | <i>800</i> | | |
| <i>2.00.50</i> | <i>31.35</i> | <i>900</i> | | |
| <i>01.55</i> | <i>30.15</i> | <i>1000</i> | | |
| <i>03.05</i> | <i>28.40</i> | <i>1100</i> | | |
| <i>04.10</i> | <i>27.05</i> | <i>1200</i> | | |
| <i>05.25</i> | <i>25.30</i> | <i>1300</i> | | |
| <i>06.30</i> | <i>24.10</i> | <i>1400</i> | | |
| <i>07.40</i> | <i>22.10</i> | <i>1500</i> | | |
| <i>08.55</i> | <i>20.2</i> | <i>1600</i> | | |
| <i>10.10</i> | <i>18.40</i> | <i>1700</i> | | |
| <i>11.30</i> | <i>17.0</i> | <i>1800</i> | | |
| <i>12.10 2</i> | <i>14.20</i> | <i>1842</i>
<i>1900</i> | | |
| | | <i>2000</i> | | |
| | | <i>2100</i> | | |
| | | <i>2200</i> | | |
| | | <i>2300</i> | | |
| | | <i>2400</i> | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 747 Date June 19th 1903 3.33 P.M.
Sigsbee Machine. 1 Reel.

Turns 1847 Cor. + 172 Depth 2020

Shot ~~or lead~~ 60 lbs

Bottom Brown, ooze

Bottom temperature 37

No. of thermometer 53731 Cor. -.2

Corrected temperature 86.8

Air 63 Surface 57 Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|----------------|----------|--------|--------------|-----|
| DOWN. | UP. | | DOWN. | UP. |
| 3, 33.00 | 15.20 | 0 | | |
| 3, 34.10 | 14.25 | 100 | | |
| 35.05 | 13.28 | 200 | | |
| 35.55 | 12.50 | 300 | | |
| 36.50 | 12.00 | 400 | | |
| 37.45 | 11.03 | 500 | | |
| 38.40 | 10.07 | 600 | | |
| 39.40 | 9.10 | 700 | | |
| 40.40 | 8.10 | 800 | | |
| 41.45 | 7.10 | 900 | | |
| 42.50 | 6.00 | 1000 | | |
| 43.55 | 05.00 | 1100 | | |
| 45.00 | 03.45 | 1200 | | |
| 46.05 | 02.35 | 1300 | | |
| 47.10 | 01.20 | 1400 | | |
| 48.20 | 4.00, 10 | 1500 | | |
| 49.35 | 48.50 | 1600 | | |
| 50.45 | 47.20 | 1700 | | |
| 51.40 | 45.50 | 1800 | | |
| 52.30 | 44.10 | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

Watch 45 minutes slow.

507.

No. *111* Date *Aug 11 1880*
Machine. / Reel.
Turns *1920* Cor. + *174* Depth *2094*
Shot or lead *60 lb*
Bottom *Gl ob ooze*
Bottom temperature *36.2*
No. of thermometer *53731* Cor. *-.2*
Corrected temperature *36.7*
Air *61* Surface *60* Drift
Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

| | | | |
|----------------|--------------|--------------|--|
| * <i>0.00</i> | | | |
| <i>4 10-30</i> | <i>54.55</i> | 0 | |
| <i>14-20</i> | <i>53.50</i> | 100 | |
| <i>12-10</i> | <i>53-00</i> | 200 | |
| <i>13-00</i> | <i>52-10</i> | 300 | |
| <i>13-50</i> | <i>51-10</i> | 400 | |
| <i>14-40</i> | <i>50.10</i> | 500 | |
| <i>15-10</i> | <i>49-10</i> | 600 | |
| <i>16-10</i> | <i>48-10</i> | 700 | |
| <i>17-10</i> | <i>47-10</i> | 800 | |
| | <i>46-10</i> | 900 | |
| <i>19-10</i> | <i>45-00</i> | 1000 | |
| <i>20.45</i> | <i>43-45</i> | 1100 | |
| <i>21-50</i> | <i>42-35</i> | 1200 | |
| | <i>41-20</i> | 1300 | |
| <i>24.10</i> | <i>40-00</i> | 1400 | |
| <i>25-20</i> | <i>38-45</i> | 1500 | |
| <i>26-35</i> | <i>37-20</i> | 1600 | |
| <i>27-50</i> | <i>35-40</i> | 1700 | |
| <i>28-55</i> | <i>34-15</i> | 1800 | |
| <i>29-55</i> | <i>32-30</i> | 1900 | |
| <i>30.45</i> | <i>31.15</i> | 1920
2000 | |
| | | 2100 | |
| | | 2200 | |
| | | 2300 | |
| | | 2400 | |

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

* 45 m slow

No. *711/123* Date *10/1*
Sigsbee Machine. *1* Reel.
 Turns *1995* Cor. + *183* Depth *2178*
 Shot or ~~lead~~ *60 lb*
 Bottom *gy. m.*
 Bottom temperature *37.2*
 No. of thermometer *53731* Cor. - *.2*
 Corrected temperature *37*
 Air *61* Surface *61* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | |
|--------------|--------------|------|
| <i>6-00</i> | <i>53-20</i> | 0 |
| <i>01-50</i> | <i>51-55</i> | 100 |
| <i>05-40</i> | <i>51</i> | 200 |
| <i>06-30</i> | <i>50.00</i> | 300 |
| <i>07-20</i> | <i>49.10</i> | 400 |
| <i>08-10</i> | <i>48.15</i> | 500 |
| <i>09-04</i> | <i>47</i> | 600 |
| | <i>46.30</i> | 700 |
| <i>11-00</i> | <i>45.10</i> | 800 |
| <i>12-00</i> | <i>44.00</i> | 900 |
| <i>13-00</i> | <i>43.00</i> | 1000 |
| <i>14-15</i> | <i>41.45</i> | 1100 |
| <i>15-20</i> | <i>40.15</i> | 1200 |
| <i>16-35</i> | <i>39.05</i> | 1300 |
| <i>17-10</i> | <i>37.50</i> | 1400 |
| <i>18-25</i> | <i>36.25</i> | 1500 |
| <i>19-40</i> | <i>35.00</i> | 1600 |
| <i>20-55</i> | <i>33.20</i> | 1700 |
| <i>22-10</i> | <i>32.00</i> | 1800 |
| <i>23-25</i> | <i>30.00</i> | 1900 |
| <i>24-40</i> | <i>28.10</i> | 2000 |
| | | 2100 |
| | | 2200 |
| | | 2300 |
| | | 2400 |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 1750 Date June 20th 1896

Machine. 1 Reel.

Turns 2765 Cor. 230 Depth 2995

Shot or lead 60 lbs

Bottom

Bottom temperature 36.7

No. of thermometer 53731 Cor. - .2

Corrected temperature 36.5

Air 63 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | |
|-------|-------|------|
| 09 00 | 45 4 | 0 |
| 10 20 | 44.30 | 100 |
| 12 40 | 43.45 | 200 |
| 13.40 | 42.50 | 300 |
| 14.50 | 41.50 | 400 |
| 15.40 | 41.00 | 500 |
| 21.30 | 40.00 | 600 |
| 22.30 | 39.00 | 700 |
| 24.00 | 37.40 | 800 |
| 25.10 | 36.0 | 900 |
| 26.20 | 34.50 | 1000 |
| 27.30 | 33.40 | 1100 |
| 28.40 | 32.00 | 1200 |
| 29.55 | 30.3 | 1300 |
| 31.10 | 28.50 | 1400 |
| 32.35 | 27.00 | 1500 |
| 33.55 | 25.00 | 1600 |
| 35.20 | 23.20 | 1700 |
| 36.30 | 21.15 | 1800 |
| 38.00 | 18.4 | 1900 |
| 39.40 | 16.30 | 2000 |
| 41.15 | 13.50 | 2100 |
| 42.45 | 11.00 | 2200 |
| 44.30 | 08.40 | 2300 |
| 46.05 | 06.30 | 2400 |

| | | |
|-------|---------|------|
| 47.30 | 04.20 | 2500 |
| 49.30 | 03.00 | 2600 |
| 51.10 | 01.50 | 2700 |
| 52.30 | 7 00.20 | 2800 |
| | | 2900 |
| | | 3000 |
| | | 3100 |
| | | 3200 |
| | | 3300 |
| | | 3400 |
| | | 3500 |
| | | 3600 |
| | | 3700 |
| | | 3800 |
| | | 3900 |
| | | 4000 |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 751 Hyge Date June 21 1885Sigsbee Machine. 1 Reel.Turns 2868 Cor. + 235 Depth 3103Shot or lead 60 lbs.Bottom slt gray oozeBottom temperature 31No. of thermometer 52731 Cor. - .2Corrected temperature 29.8Air 64 Surface 6 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | |
|----|----|---------|------|
| 40 | 40 | 42.00 | 0 |
| 41 | 30 | 41.00 | 100 |
| 42 | 30 | 40.00 | 200 |
| 43 | 40 | 39.00 | 300 |
| 44 | 45 | 38.00 | 400 |
| 46 | 00 | 37.00 | 500 |
| 47 | 15 | 36.00 | 600 |
| 48 | 45 | 35.00 | 700 |
| 50 | 00 | 34.00 | 800 |
| 51 | 15 | 33.00 | 900 |
| 53 | 00 | 31.45 | 1000 |
| 54 | 30 | 30.30 | 1100 |
| 55 | 45 | 29.00 | 1200 |
| 7 | 45 | 27.30 | 1300 |
| 9 | 00 | 26.00 | 1400 |
| 20 | 45 | 24.30 | 1500 |
| 22 | 45 | 23.00 | 1600 |
| 24 | 30 | 21.15 | 1700 |
| 26 | 00 | 19.15 | 1800 |
| 28 | 00 | 17.15 | 1900 |
| 30 | 00 | 15.15 | 2000 |
| 31 | 30 | 13.00 | 2100 |
| 33 | 15 | 04.00 | 2200 |
| 35 | 00 | 5.02.00 | 2300 |
| 36 | 45 | 4.59.30 | 2400 |

| | | | |
|---------|-------|------|--|
| 4.39.30 | 57.15 | 2500 | |
| 41.00 | 55.00 | 2600 | |
| 43.00 | 53.00 | 2700 | |
| 45.00 | | 2800 | |
| | | 2900 | |
| | | 3000 | |
| | | 3100 | |
| | | 3200 | |
| | | 3300 | |
| | | 3400 | |
| | | 3500 | |
| | | 3600 | |
| | | 3700 | |
| | | 3800 | |
| | | 3900 | |
| | | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

Hatch 55 minutes

No. 752 Date June 21st 1885
Sigsbee Machine. 1 Reel.Turns 2,29 Cor. + 278 Depth 2957Shot or lead 60 lbs.Bottom gy. oozeBottom temperature 37No. of thermometer 53731 Cor. -Corrected temperature 36.8Air 78 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

| | | | | |
|---------|---------|------|--|--|
| 2.30.00 | 2.11.15 | 0 | | |
| 31.00 | 11.00 | 100 | | |
| 32.00 | 09.50 | 200 | | |
| 33.15 | 09.00 | 300 | | |
| 34.15 | 08.10 | 400 | | |
| 35.15 | 07.00 | 500 | | |
| 36.30 | 06.00 | 600 | | |
| 37.50 | 05.00 | 700 | | |
| 39.40 | 03.45 | 800 | | |
| 40.00 | 02.30 | 900 | | |
| 41.10 | 01.30 | 1000 | | |
| 42.30 | 5.00.15 | 1100 | | |
| 43.45 | 59.00 | 1200 | | |
| 45.05 | 58.15 | 1300 | | |
| 46.15 | 48.45 | 1400 | | |
| 47.00 | 47.15 | 1500 | | |
| 48.40 | 45.30 | 1600 | | |
| 51.25 | 44.15 | 1700 | | |
| 52.30 | 43.30 | 1800 | | |
| 55.00 | 42.30 | 1900 | | |
| 57.00 | 41.30 | 2000 | | |
| 59.15 | 40.30 | 2100 | | |
| 4.00.00 | 39.30 | 2200 | | |
| 04.00 | 27.30 | 2300 | | |
| | 4.25.30 | 2400 | | |

2500
 2600
 2700
 2757
~~2800~~
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

Ketchikan 1 1/2 Nm Steamer

No. *753* *Hyd* Date *June 21st*
Sigsbee Machine. *1* Reel.
 Turns *2640* Cor. + *223* Depth *2863*
 Shot ~~on beam~~ *60 lb*
 Bottom *gray ooze*
 Bottom temperature *37.*
 No. of thermometer *53781* Cor. *- .2*
 Corrected temperature *36.8*
 Air *66* Surface *70* Drift
 Trawl or dredge

| SOUNDING WIRE. | | | DREDGE ROPE. | |
|------------------|--------------|--------|--------------|-----|
| DOWN. | UP. | TURNS. | DOWN. | UP. |
| * <i>3.40.00</i> | <i>51.20</i> | 0 | | |
| <i>.41.00</i> | <i>50.25</i> | 100 | | |
| <i>.42.00</i> | <i>49.40</i> | 200 | | |
| <i>.42.35</i> | <i>49.00</i> | 300 | | |
| <i>.43.50</i> | <i>48.10</i> | 400 | | |
| <i>.44.45</i> | <i>47.10</i> | 500 | | |
| <i>.45.45</i> | <i>46.15</i> | 600 | | |
| <i>.46.50</i> | <i>45.15</i> | 700 | | |
| <i>.48.50</i> | <i>44.10</i> | 800 | | |
| <i>.50.50</i> | <i>43.10</i> | 900 | | |
| <i>.52.25</i> | <i>42.10</i> | 1000 | | |
| <i>.54.10</i> | <i>40.55</i> | 1100 | | |
| <i>.56.00</i> | <i>39.50</i> | 1200 | | |
| <i>.58.35</i> | <i>38.35</i> | 1300 | | |
| <i>.01.50</i> | <i>37.10</i> | 1400 | | |
| <i>.03.20</i> | <i>36.25</i> | 1500 | | |
| <i>.04.20</i> | <i>34.15</i> | 1600 | | |
| <i>.05.35</i> | <i>32.40</i> | 1700 | | |
| <i>.06.55</i> | <i>31.10</i> | 1800 | | |
| <i>.08.10</i> | <i>29.30</i> | 1900 | | |
| <i>.09.30</i> | <i>27.45</i> | 2000 | | |
| <i>.10.50</i> | <i>26.00</i> | 2100 | | |
| <i>.12.15</i> | <i>24.10</i> | 2200 | | |
| <i>.13.35</i> | <i>22.15</i> | 2300 | | |
| <i>.15.00</i> | <i>20.20</i> | 2400 | | |

| | | |
|---------|-------|------|
| 9.09.25 | 15.55 | 2500 |
| 10.00 | 16.05 | 2600 |
| 11.30 | 15.51 | 2700 |
| | | 2800 |
| | | 2900 |
| | | 3000 |
| | | 3100 |
| | | 3200 |
| | | 3300 |
| | | 3400 |
| | | 3500 |
| | | 3600 |
| | | 3700 |
| | | 3800 |
| | | 3900 |
| | | 4000 |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

160 fathoms 15-15 Si

No. 754 Date June 22ndMachine. 1 Reel.Turns 2668 Cor. + 222 Depth 2882Shot or lead 60 lbBottom fy. co.Bottom temperature 37.4No. of thermometer 53731 Cor. - 2Corrected temperature 35.7Air 66 Surface 69 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DOWN. | UP. |
|-----------------|--------------|--------|-------|-----|
| <u>12.08.20</u> | <u>21.10</u> | 0 | | |
| <u>09.00</u> | <u>20.15</u> | 100 | | |
| <u>10.00</u> | <u>19.15</u> | 200 | | |
| <u>11.00</u> | <u>18.25</u> | 300 | | |
| <u>12.00</u> | <u>17.30</u> | 400 | | |
| <u>13.00</u> | <u>16.25</u> | 500 | | |
| <u>14.00</u> | <u>15.25</u> | 600 | | |
| <u>15.00</u> | <u>14.25</u> | 700 | | |
| <u>16.20</u> | <u>13.25</u> | 800 | | |
| <u>17.30</u> | <u>12.25</u> | 900 | | |
| <u>18.40</u> | <u>11.15</u> | 1000 | | |
| <u>19.55</u> | <u>10.00</u> | 1100 | | |
| <u>21.15</u> | <u>08.50</u> | 1200 | | |
| <u>22.30</u> | <u>07.50</u> | 1300 | | |
| <u>23.50</u> | <u>06.10</u> | 1400 | | |
| <u>25.10</u> | <u>04.40</u> | 1500 | | |
| <u>26.30</u> | <u>03.05</u> | 1600 | | |
| <u>27.50</u> | <u>02.25</u> | 1700 | | |
| <u>29.20</u> | <u>01.05</u> | 1800 | | |
| <u>30.40</u> | <u>59.30</u> | 1900 | | |
| <u>32.15</u> | <u>58.55</u> | 2000 | | |
| <u>33.40</u> | <u>56.10</u> | 2100 | | |
| <u>35.20</u> | <u>54.35</u> | 2200 | | |
| <u>36.50</u> | <u>53.51</u> | 2300 | | |
| <u>38.01</u> | <u>51.15</u> | 2400 | | |

| | | | |
|----------|--------|-----------------|--|
| 12.39.45 | 217.30 | 2500 | |
| 41.20 | 46.40 | 2600 | |
| 112.30 | 115.00 | 2660 | |
| | | 2700 | |
| | | 2800 | |
| | | 2900 | |
| | | 3000 | |
| | | 3100 | |
| | | 3200 | |
| | | 3300 | |
| | | 3400 | |
| | | 3500 | |
| | | 3600 | |
| | | 3700 | |
| | | 3800 | |
| | | 3900 | |
| | | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 755 Date June 22d
Agassiz Machine. 1 Reel. 1
 Turns 2670 Cor. + 227 Depth 2897
 Shot ~~in lead~~ 60 lb
 Bottom Grav
 Bottom temperature 38.8
 No. of thermometer 53731 Cor. -2
 Corrected temperature 38.6
 Air 64 Surface 70 Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| DOWN. | UP. | TURNS. |
|----------------|----------------|-------------|
| <u>61.15</u> | | |
| <u>2.37.15</u> | <u>3 45.30</u> | <u>0</u> |
| <u>38.15</u> | <u>44.35</u> | <u>100</u> |
| <u>39.15</u> | <u>43.50</u> | <u>200</u> |
| <u>40.10</u> | <u>43.00</u> | <u>300</u> |
| <u>41.10</u> | <u>42.10</u> | <u>400</u> |
| | <u>41.20</u> | <u>500</u> |
| | <u>40.20</u> | <u>600</u> |
| | <u>39.20</u> | <u>700</u> |
| | <u>38.30</u> | <u>800</u> |
| | <u>37.20</u> | <u>900</u> |
| | <u>36.10</u> | <u>1000</u> |
| | <u>35.05</u> | <u>1100</u> |
| | <u>34.55</u> | <u>1200</u> |
| <u>34.55</u> | <u>32.50</u> | <u>1300</u> |
| <u>35.55</u> | <u>31.25</u> | <u>1400</u> |
| | <u>30.10</u> | <u>1500</u> |
| <u>55.30</u> | <u>28.50</u> | <u>1600</u> |
| <u>56.30</u> | <u>27.25</u> | <u>1700</u> |
| | <u>26.00</u> | <u>1800</u> |
| | <u>24.40</u> | <u>1900</u> |
| <u>57.15</u> | <u>23.15</u> | <u>2000</u> |
| <u>57.15</u> | <u>21.45</u> | <u>2100</u> |
| | <u>20.15</u> | <u>2200</u> |
| | <u>18.45</u> | <u>2300</u> |
| | <u>17.20</u> | <u>2400</u> |

| | | | |
|---------|-------|------|--|
| 3.07.35 | 15.50 | 2500 | |
| 09.05 | 14.05 | 2600 | |
| 10.30 | 13.00 | 2700 | |
| | | 2800 | |
| | | 2900 | |
| | | 3000 | |
| | | 3100 | |
| | | 3200 | |
| | | 3300 | |
| | | 3400 | |
| | | 3500 | |
| | | 3600 | |
| | | 3700 | |
| | | 3800 | |
| | | 3900 | |
| | | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *756* Date *June 25 1901*

Machine. / Reel.

Turns *2600* Cor. + *223* Depth *2873*Shot or lead *60 lbs.*Bottom *gray ooze*Bottom temperature *37*No. of thermometer *53731* Cor. *-.2*Corrected temperature *36.8*Air *71* Surface *67* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

** 11.25.00**11.25.00**35.00*

0

*25.57**34.00*

100

*26.57**33.00*

200

*27.57**32.15*

300

*28.50**31.00*

400

*29.45**30.00*

500

*30.40**29.00*

600

*31.35**28.00*

700

*32.30**27.00*

800

*33.25**26.00*

900

*34.20**25.00*

1000

*35.15**24.00*

1100

*36.10**23.00*

1200

*37.05**22.00*

1300

*38.00**21.00*

1400

*38.55**20.00*

1500

*39.50**19.00*

1600

*40.45**18.00*

1700

*41.40**17.00*

1800

*42.35**16.00*

1900

*43.30**15.00*

2000

*44.25**14.00*

2100

*45.20**13.00*

2200

*46.15**12.00*

2300

*47.10**11.00*

2400

| | | |
|----------|----------|----------------------|
| 41.55.10 | 03.00 | 2500 |
| 56.50 | 01.45 | 2600 |
| 57.20 | 12.00.30 | 2700 2650 |
| | | 2800 |
| | | 2900 |
| | | 3000 |
| | | 3100 |
| | | 3200 |
| | | 3300 |
| | | 3400 |
| | | 3500 |
| | | 3600 |
| | | 3700 |
| | | 3800 |
| | | 3900 |
| | | 4000 |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 1 Date June 21 1881Sigsbee Machine. 1 Reel.Turns 177 Cor. 179 Depth 2118~~Shot or lead~~ 60 lbsBottom gray mudBottom temperature 38.5No. of thermometer 53731 Cor. -2Corrected temperature 38.3Air 56 Surface 57 Drift

Trawl or dredge.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|-------|-------|------|--|--|
| | 1 | 0 | | |
| 26.05 | 16.3 | 100 | | |
| 27.00 | 15.50 | 200 | | |
| 28.00 | | 300 | | |
| 29.00 | 14.20 | 400 | | |
| 30.10 | 13.30 | 500 | | |
| 31.30 | 12.35 | 600 | | |
| 32.45 | 11.40 | 700 | | |
| 34.10 | 10.40 | 800 | | |
| 35.40 | 09.40 | 900 | | |
| 37.15 | 08.30 | 1000 | | |
| 38.45 | 07.30 | 1100 | | |
| 40.00 | | 1200 | | |
| 41.55 | 05.00 | 1300 | | |
| 43.30 | 03.30 | 1400 | | |
| 45.00 | 02.10 | 1500 | | |
| 46.40 | 00.50 | 1600 | | |
| 48.20 | 59.20 | 1700 | | |
| 50.10 | 58.00 | 1800 | | |
| 51.45 | 55.30 | 1900 | | |
| 52.20 | | 1939 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

S&P

June 22

No. 758 Hgl Date 12. 53 PM

Machine. / Reel.

Turns Cor. + 1.24 Depth 7.7

Shot or lead 60 lbs

Bottom gy. s. s.

Bottom temperature 37.4

No. of thermometer 53731 Cor. - .2

Corrected temperature 37.2

Air 51 Surface 52 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *75* Date *Aug 22 1892**Sigsbee* Machine. Reel.Turns *970* Cor. + *100* Depth *1070*Shot or lead *66*Bottom *green mud*Bottom temperature *38*No. of thermometer *53731* Cor. *-.2*Corrected temperature *537* *37.8*Air *51* Surface *56* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DOWN. | UP. |
|--------------|--------------|--------|-------|-----|
| <i>49.00</i> | <i>15.00</i> | 0 | | |
| <i>51.00</i> | <i>14.10</i> | 100 | | |
| <i>52.50</i> | <i>13.45</i> | 200 | | |
| <i>53.30</i> | <i>13.20</i> | 300 | | |
| | | 400 | | |
| | <i>11.00</i> | 500 | | |
| <i>56.40</i> | <i>10.00</i> | 600 | | |
| | | 700 | | |
| | | 800 | | |
| <i>51.20</i> | <i>07.20</i> | 900 | | |
| <i>52.00</i> | <i>06.20</i> | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 127 Date Jul 5. 25 AM
 Sigel 1 Machine. 1 Reel.
 Turns 473 Cor. 50 Depth 523
 Shot or lead 25
 Bottom ha
 Bottom temperature 39
 No. of thermometer 53731 Cor. - .3
 Corrected temperature 38.7
 Air 49 Surface 47 Drift
 Trawl or dredge 1.2

SOUNDING WIRE.

| DOWN. | UP. |
|-------|-------|
| 35.00 | 30.0 |
| 36.00 | 48.48 |
| 37.15 | 47.50 |
| 42.45 | 4 |
| 42.45 | 4 |

TURNS.

| |
|------|
| 0 |
| 100 |
| 200 |
| 300 |
| 400 |
| 473 |
| 500 |
| 600 |
| 700 |
| 800 |
| 900 |
| 1000 |
| 1100 |
| 1200 |
| 1300 |
| 1400 |
| 1500 |
| 1600 |
| 1700 |
| 1800 |
| 1900 |
| 2000 |
| 2100 |
| 2200 |
| 2300 |
| 2400 |

DREDGE ROPE.

| DOWN. | UP. |
|---------|--------|
| 6.00.30 | 31.30 |
| 15.20 | 31.15 |
| | 28.30 |
| 13.20 | 28.30 |
| 17.10 | 28.30 |
| 22.10 | 1.4 |
| | 1.15 |
| | 1.15 |
| | 11.00 |
| | 80.00 |
| 41.00 | 7.25.0 |

SAP

No. 2428

Date June 23^d 7:40 AM.

Sigsbee

Machine. 1 Reel.

Turns 785

Cor.

Depth 786

Shot or lead 25 lb

Bottom Green mud

Bottom temperature 35.5

No. of thermometer 53731

Cor.

- .2

Corrected temperature

35.3

Air 50

Surface 48

Drift

Trawl or dredge L.C.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|---------|-------|------|---------|----------|
| 7.43.10 | 13.00 | 0 | 8.18.00 | 26.00 |
| 41.30 | 12.15 | 100 | 1.15 | 23.15 |
| 42.45 | 11.25 | 200 | 24.15 | 20.30 |
| 44.15 | 10.30 | 300 | 37.45 | 17.45 |
| 45.40 | 9.41 | 400 | 50.00 | 15.00 |
| 47.00 | 8.50 | 500 | 37.45 | 12.15 |
| 48.20 | 8.00 | 600 | 50.00 | 9.30 |
| 49.40 | 7.10 | 700 | 37.45 | 6.45 |
| 51.00 | 6.20 | 800 | 50.00 | 4.00 |
| | | 900 | 44.45 | 2.30 |
| | | 1000 | 46.00 | 10.00.00 |
| | | 1100 | 48.15 | 57.00 |
| | | 1200 | 51.45 | 54.45 |
| | | 1300 | 54.00 | 51.30 |
| | | 1400 | 57.00 | 9.47.00 |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

Sample from first 2000 fathoms
1000 fathoms
Ground and on bottom

No. 760 Hy Date June 23^d 1885.

Machine. / Reel.

Turns 878 Cor. + 92 Depth 970Shot or lead 25 lbsBottom hd.Bottom temperature 39No. of thermometer 53731 Cor. -.3Corrected temperature 38.7Air 52 Surface 45 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | |
|--------|--------|------|
| 1. 15 | | 0 |
| 34. 45 | 58 | 100 |
| 36. 30 | 57. 10 | 200 |
| 37. 45 | 56. 0 | 300 |
| 39. 30 | 55. 10 | 400 |
| 41. 15 | 54. 10 | 500 |
| 42. 45 | 53. 30 | 600 |
| 44. 30 | 52. 45 | 700 |
| 46. 30 | 51. 00 | 800 |
| 48. 10 | 50. 10 | 878 |
| | | 1000 |
| | | 1100 |
| | | 1200 |
| | | 1300 |
| | | 1400 |
| | | 1500 |
| | | 1600 |
| | | 1700 |
| | | 1800 |
| | | 1900 |
| | | 2000 |
| | | 2100 |
| | | 2200 |
| | | 2300 |
| | | 2400 |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2429 Date 5
Sigsbee Machine. / Reel.
 Turns 415 Cor. + 56 Depth 471
 Shot or lead 35 lbs
 Bottom gy. m. s.
 Bottom temperature 39
 No. of thermometer 53731 Cor. - 3
 Corrected temperature 35.7
 Air 51 Surface 41.5 Drift
 Trawl or dredge L 137

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|----------|----------|------|------------|----------|
| 11.39.00 | 11.44.00 | 0 | * 11.54.00 | 12.00.00 |
| 40.00 | 11.45.00 | 100 | 58.00 | 12.01.00 |
| 41.00 | 11.46.00 | 200 | 12.01.00 | 12.02.00 |
| 42.00 | 11.47.00 | 300 | 04.00 | 12.03.00 |
| 43.10 | 11.48.00 | 400 | 12.04.00 | 12.04.00 |
| 44.20 | 11.49.00 | 415 | 12.05.00 | 12.05.00 |
| | | 600 | 12.06.00 | 12.06.00 |
| | | 700 | 12.07.00 | 12.07.00 |
| | | 800 | 12.08.00 | 12.08.00 |
| | | 900 | 12.09.00 | 12.09.00 |
| | | 1000 | 12.10.00 | 12.10.00 |
| | | 1100 | 12.11.00 | 12.11.00 |
| | | 1200 | 12.12.00 | 12.12.00 |
| | | 1300 | 12.13.00 | 12.13.00 |
| | | 1400 | 12.14.00 | 12.14.00 |
| | | 1500 | 12.15.00 | 12.15.00 |
| | | 1600 | 12.16.00 | 12.16.00 |
| | | 1700 | 12.17.00 | 12.17.00 |
| | | 1800 | 12.18.00 | 12.18.00 |
| | | 1900 | 12.19.00 | 12.19.00 |
| | | 2000 | 12.20.00 | 12.20.00 |
| | | 2100 | 12.21.00 | 12.21.00 |
| | | 2200 | 12.22.00 | 12.22.00 |
| | | 2300 | 12.23.00 | 12.23.00 |
| | | 2400 | 12.24.00 | 12.24.00 |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

* Watch 1 hr + 30 m slow

761

No. 761 Hye. Date June 23

Machine. Reel.

Turns 279 Cor. + 30 Depth 309

Shot or lead 35 lb lead

Bottom gum mud to sand

Bottom temperature 39°

No. of thermometer 53731 Cor. - .3

Corrected temperature 38.7

Air 51 Surface 41 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.57.50

04.15

0

58.40

03.15

100

59.35

02.15

200

00.40

01.25

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

* watch / hr + 30 min slow

507.

No. 2430 Date June 23

Liggett Machine. A Reel.

Turns 152 Cor. + 27 Depth 179

Shot or lead 35 lb

Bottom Green sand & shells

Bottom temperature none taken

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 51 Surface 51 1/2 Drift 1 1/2

Trawl or dredge L.R.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

* pm

22 10

0

1 30

1 57

100

3 10

12 15

200

1 10

1 20

300

0 50

1 30

400

1 55 2 07 15

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No.

3431

Date

June 23

Tanner

Machine.

Reel.

Turns

115

Cor. +

14

Depth

129

~~Shot or Lead~~

35 lb lead

Bottom

yellow sand blk sp.

Bottom temperature

33.5

No. of thermometer

53731

Cor.

0

Corrected temperature

33.5

Air

51

Surface

41.6

Drift

E. 5.1

Trawl or dredge

L B

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

21 25.00

28.35

0

49.15

29.07

26.00

26.20

100

53.30

24.50

26.15

26.17

115

56.00

24.30

200

58.55

3.21.00

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

* 11 Oct 1-35 - Star

No. 26132 Date June 23 0
 Tannin Machine. / Reel.
 Turns 62 Cor. + 2 Depth 64
 Shot or lead 25 lb
 Bottom fine gray sand
 Bottom temperature 7.1
 No. of thermometer — Cor. —
 Corrected temperature —
 Air 51 Surface 47 Drift 3-1
 Trawl or dredge S. 13

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DREDGE ROPE. | |
|---------------|-----|--------|--------------|---------|
| | | | DOWN. | UP. |
| * 11 Oct 1-35 | | 0 | 41.5 | 12.2 |
| | | 100 | 56.00 | 12.15 |
| | | 150 | | |
| | | 200 | 57.30 | 4.19.40 |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

* 100 - 55

No. 2433 Date June 23d
 Machine. Reel.
 Turns Cor. 2 Depth
 Shot or lead 15 lb
 Bottom
 Bottom temperature 33.5
 No. of thermometer 53731 Cor. 0
 Corrected temperature 33
 Air 52 Surface 18 Drift 1/2 N
 Trawl or dredge L

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

150

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2433

From / up

5.00.00 2.00.00
 00.15 1.00.00
 01.00 5.00.00

| | |
|------|------|
| 2500 | 0 |
| 2600 | 1 00 |
| 2700 | 1 50 |
| 2800 | |
| 2900 | |
| 3000 | |
| 3100 | |
| 3200 | |
| 3300 | |
| 3400 | |
| 3500 | |
| 3600 | |
| 3700 | |
| 3800 | |
| 3900 | |
| 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

* Hatch 1. 35 m slow

No.

2434

Date

June 23 1880

Machine.

Reel.

Turns

49

Cor. +

2

Depth

57

Shot or lead

18 lb

Bottom

Green mud.

Bottom temperature

34

No. of thermometer

53731

Cor.

Corrected temperature

34

Air

54

Surface

418

Drift

E 1 1/2

Trawl or dredge

L 13

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

5 39.40

0

5. 21. 45

10.35

100

1. 48. 55

07.15

150

50.30

6.05.30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

32.200 - 106 50

* Water 1 hr 35 m slow

No. 2455 Date June 23d
Tanner Machine. Reel.Turns 17 Cor. 2 Depth 17

Shot or lead

Bottom blk mudBottom temperature 34No. of thermometer 53731 Cor. 0Corrected temperature 34Air Surface Drift E 1 1/2 MTrawl or dredge L. 13.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.32.15

0

150~~100~~

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

6.36.35 0.58.1554.47

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

* Watch 1 hr 40 min slow.

No. 2436 Date June 24 1885
Tanner Machine. Reel.

Turns 35 Cor. + 1 Depth 36

Shot or lead

Bottom wh. sd., blk. spks. blk. sh.

Bottom temperature 34

No. of thermometer 53731 Cor. 0

Corrected temperature 34

Air 53 Surface 49 Drift E. S. E. 1 mile

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|----------------|----------|--------|--------------|--------|
| DOWN. | UP. | | DOWN. | UP. |
| * 1 lb. | | | | |
| 7. 29.00 | 2. 32.00 | 0 | 2. 42.30 | 03. 30 |
| 1. 30 | 2. 31.30 | 35 | 45. 30 | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *557* Date *June 21 1885**Tanner* Machine. - Reel.Turns *36* Cor. + */* Depth *36*

Shot or lead

Bottom *co. brk. shells and brk. shs.*Bottom temperature *36*No. of thermometer *55731* Cor. *-.2*Corrected temperature *35.8*Air *53* Surface *49* Drift *E. S. E. 1 mile*Trawl or dredge *L. G.*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*13.00**15.00**0**3.24.00**45.4**13.15**14.10**36**27.00**18.0**140**28.00**3.40**200*

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2438 Date June 24th 1885
 Tanner Machine. Reel.

Turns 36. Cor. + 1. Depth 37.

Shot or lead

Bottom *fine sand, black-bk, for sh.*

Bottom temperature 37.

No. of thermometer 53731 Cor. - .2

Corrected temperature 36.8

Air 54 Surface 48 Drift E. S. E. 1 mile

Trawl or dredge L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|---------|---------|------|---------|---------|
| 3.54.00 | 55.45 | 0 | 4.00.00 | 4.25.00 |
| 54.30 | 3.55.00 | 100 | 03.15 | 2.1.15 |
| | | 200 | 03.45 | 4.20.30 |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 1030 Date June 24 1885
Sanner Machine. — Reel.
Turns 35 Cor. + 1 Depth 36
Shot or lead _____
Bottom Wh. S. blk. sp.
Bottom temperature 38
No. of thermometer 53731 Cor. — .2
Corrected temperature 27.8
Air 54 Surface 48 Drift S. E 1/2
Trawl or dredge _____

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|--------------|--------------|----------------|--------------|--------------|
| <u>10.00</u> | <u>10.20</u> | 0 | <u>10.00</u> | <u>10.20</u> |
| <u>11.00</u> | <u>11.00</u> | 100 | <u>11.00</u> | <u>11.00</u> |
| | | <u>120</u> | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

large quantities of sea-cucumbers
and sand dollars.
1000

* Watch 1 hr. 40 mins. slow.

507.

No. 2440 Date June 30, 1900

Tanner Machine. 4 Reel.

Turns 32 Cor. + 1 Depth 33

Shot or lead

Bottom Fine wh. sand - blk. sp.

Bottom temperature 38.5

No. of thermometer 53731 Cor. -.2

Corrected temperature 38.3

Air 54 Surface 48 Drift E.S.E. 1

Trawl or dredge S. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

6.12.00 14.15

0

12.45 6.13.15

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

6.11.00 35.30

31.00 6.32.00

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

517. *864*

No. *762* *Ky* Date *July 1882*

Tanner Machine. Reel.

Turns *29* Cor. + *1* Depth *30*

Shot or lead *18 lb*

Bottom *Sand & brk shells*

Bottom temperature *39.5*

No. of thermometer *53731* Cor. *-.3*

Corrected temperature *39.2*

Air *53* Surface *48* Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|----------------|-----|-----------|--------------|-----|
| DOWN. | UP. | | DOWN. | UP. |
| | | <i>29</i> | | |
| | | 100 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *1765* Date *Jan 21 9.3, AM*
Tanner Machine. Reel.
 Turns *37* Cor. + *1* Depth *38*
 Shot or lead *18 lbs*
 Bottom *6 ft S. 1 ft M.*
 Bottom temperature *36.2*
 No. of thermometer *5751* Cor. - *.2*
 Corrected temperature *36*
 Air *53* Surface *41.8* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *17* Date *June 27 - 1944*
Tanner Machine. Reel.

Turns *121* Cor. + *4* Depth *125*

Shot or lead *18*

Bottom *Green Mud & Co. Gray Sand*

Bottom temperature *none taken*

No. of thermometer Cor.

Corrected temperature

Air *53* Surface *49* Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|-----------------|-----------------|--------|--------------|-----|
| DOWN. | UP. | | DOWN. | UP. |
| <i>10 11 11</i> | <i>11 11 11</i> | 0 | | |
| <i>10 11 11</i> | <i>11 11 11</i> | 100 | | |
| <i>10 11 11</i> | <i>11 11 11</i> | 121 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 715 *Hyd* Date *Jan 21 1876*
~~Machine.~~ Machine. Reel.
 Turns 32 Cor. + 2 Depth 34
~~Shot or lead~~ 18 lb lead
 Bottom *White sand*
 Bottom temperature 35.2
 No. of thermometer 53751 Cor. - .7
 Corrected temperature 35.1
 Air 51 Surface 45 Drift
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

UP.

TURNS.

DOWN.

UP.

DOWN
6.26

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *716* Date *Aug 11/20*
 Machine. Reel.
 Turns Cor. Depth
 Shot or lead *18 lb*
 Bottom *White sand broken S*
 Bottom temperature *32.7*
 No. of thermometer *53731* Cor. *0*
 Corrected temperature *32.7*
 Air *46* Surface *44* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*1-40**10**350*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2441 Date June 25-01
 Tanner Machine. Reel.
 Turns 33 Cor. + 1 Depth 34
 Shot or lead 18 lb
 Bottom white sand & shells
 Bottom temperature 33
 No. of thermometer 55751 Cor. 0
 Corrected temperature 33
 Air 115 Surface 113 Drift Nx E 1 1/2
 Trawl or dredge 13

SOUNDING WIRE.

DOWN.

UP.

DREDGE ROPE.

DOWN.

UP.

21 00 10

0

5. 05. 0037

100

2 1029

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

Sigsbee on bottom covered current
 and trawl came up in water
 Rain & low tide. Sigsbee on bottom
 and trawl came up in water

No. *2442* Date *June 25 6, 1891*
John Machine. Reel.
 Turns *35* Cor. + *1* Depth *36*
 Shot or lead *18 lb*
 Bottom *white sand & shells*
 Bottom temperature *33.3*
 No. of thermometer *53731* Cor. *0*
 Corrected temperature *33.2*
 Air *26* Surface *44* Drift *770 / m*
 Trawl or dredge *5.3*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*6.41.00**0**6.43.00**10.45**100**58.00**7.06.00**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

Plutella maculipennis
Plutella
Plutella
Plutella
Plutella

No. 24143 Date June 25

Machine. Reel.

Turns 34 Cor. + 1 Depth 35~~Shot or lead~~ 18 lbBottom white sand bk shellsBottom temperature 35No. of thermometer 53731 Cor. - .2Corrected temperature 34.9Air 50 Surface 46 Drift nn E 1/11Trawl or dredge S 13

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

Under 1100 m. 2.000 m. 1.000 m. 1.000 m.

No. 2444 Date Jan 25Tanner Machine. Reel.Turns 38 Cor. + 1 Depth 39Shot or lead 18 lbBottom white sand & br shellsBottom temperature 34.5No. of thermometer 53731 Cor. -.1Corrected temperature 34.4Air 49 Surface 45 Drift 7, 7, 61Trawl or dredge S B

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7.10.00 11.3.17
11.07.00
11.21.00 45.00
5.00.00 11.00.00

(1.12.00)
10.34.00

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

*Sand dollars abundant and
crabs few*

No. 2445 Date June 25th
 Tension Machine. ☒ Reel.

Turns 38 Cor. + 1 Depth 39

Shot or lead 18 lb

Bottom bk s. m.

Bottom temperature 33.5

No. of thermometer 53731 Cor. -

Corrected temperature 33.5

Air 47 Surface 44 Drift 11

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

12.54.00

1.14.30

120

1.02.30

1.10.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 7446 Date June 25th 1885.

Tanner Machine. — Reel.

Turns 39 Cor. + 1 Depth 40Shot or lead 18Bottom broken sh.Bottom temperature 35.5No. of thermometer 53731 Cor. — 2Corrected temperature 35.3Air 48 Surface 43 DriftTrawl or dredge L.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.15.00 18.15

1.30

0

1200

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7.21.00 5.00

2.00 2.40.00

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

507. * see 2 pages ahead for 2447.

No. 2448 Date June 21
Tanner Machine. Reel.

Turns 39 Cor. + 1 Depth 40

Shot or lead

Bottom sand & gravel

Bottom temperature 34

No. of thermometer 53731 Cor. -.1

Corrected temperature 33.9

Air 48 Surface 43 Drift S. 4.6. 1 mil

Trawl or dredge L. G.

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|----------------|-------|--------|--------------|------|
| DOWN. | UP. | | DOWN. | UP. |
| 4.37.00 | 34.00 | 0 | 4.40.00 | 35- |
| | | 100 | | 3.11 |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *767* Date *June 25*
Tanner Machine. Reel.
 Turns *38* Cor. + *1* Depth *39*
 Shot or lead *18 lb*
 Bottom *dry sand*
 Bottom temperature *34.5*
 No. of thermometer *53731* Cor. *-.1*
 Corrected temperature *34.4*
 Air *48* Surface *43* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

| |
|------|
| 2500 |
| 2600 |
| 2700 |
| 2800 |
| 2900 |
| 3000 |
| 3100 |
| 3200 |
| 3300 |
| 3400 |
| 3500 |
| 3600 |
| 3700 |
| 3800 |
| 3900 |
| 4000 |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

* see 2 pages back for 2448.

No. 2447 Date June 25th 1855
anner Machine. — Reel.Turns 38 Cor. + 1 Depth 39

Shot or lead

Bottom Broken shellsBottom temperature 35No. of thermometer 5373.1 Cor. - .2Corrected temperature 34.8Air 48 Surface 43 Drift 11 11 11Trawl or dredge S. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|---------|---------|------|---------|------|
| 3.10.00 | 3.11.30 | 0 | 3.55.00 | 3.30 |
| 30 | | 100 | 4.01 | 4.10 |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2449 Date June 25 1885

Tanner Machine. — Reel.

Turns 38 Cor. + 1 Depth 39

~~Shot~~ or lead 18 lbs.

Bottom Broken shells

Bottom temperature 33

No. of thermometer 53731 Cor. — .0

Corrected temperature 33.0

Air 46 Surface 42 Drift N. N. W. 1 mile

Trawl ~~or dredge~~ L. B.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.58.00 7.00.
30

0

7.03.00

28.00

1200

17.00

7.23.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2450 Date June 10 1885
Tanner Machine. Reel.

Turns 43 Cor. + 1 Depth 44

Shot or lead 18 lbs

Bottom fine brown sh.

Bottom temperature 31

No. of thermometer 53731 Cor. 0

Corrected temperature 31

Air 45 Surface 42 Drift

Trawl or dredge S.B.

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|----------------|---------|--------|--------------|---------|
| DOWN. | UP. | | DOWN. | UP. |
| 8.31.00 | 8.34.00 | 0 | 8.36.00 | 9.01.00 |
| 45 | 8.33.00 | 1300 | 41.00 | 8.55.00 |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *2451* Date *26-4-1900*
Tanner Machine. *✓* Reel.
 Turns *65* Cor. + *2* Depth *67*
 Shot or lead *18 lbs*
 Bottom *Sand & Shells*
 Bottom temperature *29.7*
 No. of thermometer *53731* Cor. *0*
 Corrected temperature *29.7*
 Air *40* Surface *40* Drift *7.1 N. 1.0 E.*
 Trawl or dredge *S*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

*4.19.00**52.40*

100

*22.30**50.30*

200

*32.00**4.47.30*

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

| | | |
|---|------|--|
| | 2500 | |
| | 2600 | |
| ✓ | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

8 Bortanier - shrimp, 1 sand
 9 1/2 m

No. *2450* Date *June 26 6.05 A.M.*
Tanner Machine. Reel.

Turns *87* Cor. + *2* Depth *89*

Shot or lead *15 lb*

Bottom *fine green sa.*

Bottom temperature *29.7*

No. of thermometer *5373.1* Cor. *0*

Corrected temperature *29.7*

Air *21* Surface *21* Drift *1/2 N. 1/2 E.*

Trawl or dredge *Lo-V*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*6.05**6.05*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*18.30**22.30**42.00**6.39.01**47.30*

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

A few fathoms below the surface the water was found to be very warm.

No. 2453 Date July 10 1881
Tanner Machine. Reel.
 Turns 80 Cor. + 2 Depth 82
 Shot or lead 18 lbs
 Bottom Green mud & sh.
 Bottom temperature 29.7
 No. of thermometer 53731 Cor. 0
 Corrected temperature 29.7
 Air 25 Surface 24 Drift 2 1/2 N. 1/2 E.
 Trawl or dredge 2

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

33.00

38.30

12.00 8. 28.00

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

11. coils and Harker are
 in abundance.

No. *21454* Date *June 26* 18*83*
Tanner Machine. Reel.

Turns *72* Cor. + *2* Depth *74*

Shot or lead *15*

Bottom *fine green sand*

Bottom temperature *29.7*

No. of thermometer *5551* Cor. *0*

Corrected temperature *29.7*

Air *21.6* Surface *21.2* Drift *72.777*

Trawl or dredge *2*

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DOWN. | UP. |
|-----------------|-----------------|-------------|-----------------|-----------------|
| <i>10.13.00</i> | <i>10.15.00</i> | <i>0</i> | <i>10.17.00</i> | <i>4</i> |
| <i>13.30</i> | <i>13.40</i> | <i>200</i> | <i>21.50</i> | <i>45.00</i> |
| | | <i>200</i> | <i>25.00</i> | <i>10.42.00</i> |
| | | <i>300</i> | | |
| | | <i>400</i> | | |
| | | <i>500</i> | | |
| | | <i>600</i> | | |
| | | <i>700</i> | | |
| | | <i>800</i> | | |
| | | <i>900</i> | | |
| | | <i>1000</i> | | |
| | | <i>1100</i> | | |
| | | <i>1200</i> | | |
| | | <i>1300</i> | | |
| | | <i>1400</i> | | |
| | | <i>1500</i> | | |
| | | <i>1600</i> | | |
| | | <i>1700</i> | | |
| | | <i>1800</i> | | |
| | | <i>1900</i> | | |
| | | <i>2000</i> | | |
| | | <i>2100</i> | | |
| | | <i>2200</i> | | |
| | | <i>2300</i> | | |
| | | <i>2400</i> | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

Atmosphere

No. 2455 Date June 26 12.20 P.M.
 Machine. Reel.
 Turns 79 Cor. + 0 Depth 1
 Shot or lead 18 lb
 Bottom brown sand
 Bottom temperature 30
 No. of thermometer 53731 Cor. 0
 Corrected temperature 30
 Air 45 Surface 43 Drift W. 3/4 mi.
 Trawl or dredge LB

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|----------|----------|------|----------|-------|
| 12.25.00 | 12.25.00 | 0 | 12.25.00 | 56.00 |
| 12.26.00 | 12.26.00 | 100 | 12.26.00 | 52.00 |
| | | 200 | 12.26.00 | 48.00 |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR | COR. TEMP. |
|--------|-------|--------------|-----|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

1 Small Octopus. 4 Astrophyton.

No. 2456 Date July 2nd 1887Tanner Machine. ☒ Reel.Turns 84 Cor. + 2 Depth 86~~Shot or lead~~ 18 lb.Bottom gravelBottom temperature none taken

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 4 Surface 1 Drift S x E 1 m.Trawl or dredge "Blask"

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|----------------|---------------|--------|---------------|---------------|
| DOWN. | UP. | | DOWN. | UP. |
| <u>1.30.0</u> | <u>7.00.0</u> | 0 | <u>1.30.0</u> | <u>7.00.0</u> |
| | | 100 | <u>1.31.0</u> | |
| | | 200 | <u>1.32.0</u> | <u>6.59.0</u> |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 1 Date July 1, 1881
~~Anchor~~ Machine. C Reel.
 Turns 83+1 Cor. + 2 Depth 86
~~Shot~~ lead 18 lbs
 Bottom green sand
 Bottom temperature 29.5
 No. of thermometer 53791 Cor. 0
 Corrected temperature 29.5
 Air 63 Surface 57 Drift S. x E. 1 mi
 Trawl or dredge "10 ft"

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

10.48.00

26.

100

4.00

25

200

9.00

11.20.00

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *2458* Date *1**on* Machine. Reel.Turns *87* Cor. + *2* Depth *89*Shot or lead *18 lbs.*Bottom *Sand and green*Bottom temperature *29.5*No. of thermometer *53731* Cor. *0*Corrected temperature *29.5*Air *50* Surface *11* Drift *2 1/2 miles*~~Trawl~~ dredge *Beam*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

29.00 *7.51.30**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400*

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *19* Date *July 2 1885*anner *Machine. C. Reel.*Turns *66* Cor. + *2* Depth *88*Shot or lead *18 lb*Bottom *coarse grey sand.*Bottom temperature *29.5*No. of thermometer *3731* Cor. *0*Corrected temperature *29.5*Air *50* Surface *49* Drift *N. 1 mile*Trawl or dredge *B. dredge*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|----------------|----------------|------|----------------|----------------|
| <i>6.04.00</i> | <i>2.04.00</i> | 0 | <i>6.10.30</i> | <i>23.10.0</i> |
| | | 100 | <i>13.30</i> | |
| | | 200 | <i>00</i> | <i>6.26.00</i> |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 768 Hyd. Date July 2nd 1885.

Tanner Machine. Reel.

Turns 16 Cor. 2 Depth 76 1/2

Shot or lead

Bottom coarse green & black sand

Bottom temperature 29.5

No. of thermometer 53731 Cor. 0

Corrected temperature 29.5

Air 48 Surface 47 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0.1

7200 7200

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 102 / 102 / 102 DateMachine. 1 Reel.Turns 10 Cor. + 2 Depth 72Shot or lead 18 lbBottom gy. s. ls. sh. co.

Bottom temperature

No. of thermometer 53151 Cor. 0Corrected temperature 29.5Air 49 Surface 27 Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|----------------|-----|--------|--------------|-----|
| DOWN. | UP. | | DOWN. | UP. |
| | | 0 | | |
| | | 100 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 11 Date

Machine. Reel.

Turns 10 Cor. + DepthShot or lead 18 lbBottom gy. m. s.

Bottom temperature

No. of thermometer 53731 Cor. 0Corrected temperature 29.5Air 49 Surface Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2260 Date _____
 _____ Machine. Reel.
 Turns 65 Cor. + _____ Depth _____
 Shot or lead 18 lb
 Bottom Flg. ool shells
 Bottom temperature 30
 No. of thermometer 55751 Cor. 0
 Corrected temperature 30
 Air 50 Surface 47 Drift W 1/2 S
 Trawl or dredge 300

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

7

No. 111 DateMachine. Reel.Turns 63 Cor. + 2 DepthShot or lead 11Bottom 414Bottom temperature 4No. of thermometer 53731 Cor. 0Corrected temperature 29.7Air 54 Surface 41 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DOWN. | UP. |
|-------------|-----|--------|-------|-----|
| <u>6471</u> | | 0 | | |
| | | 100 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *4*

Date

Machine.

Reel.

Turns *0* / Cor. +

Depth

Shot or lead *12*

Bottom

Bottom temperature

No. of thermometer

Cor. *0*

Corrected temperature

Air *5* = Surface

Drift

1/2

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2115 Date 1/10/07Machine. 11 Reel.Turns 11 Cor. + 1 DepthShot or lead 14Bottom sch. sand. blk. sp.Bottom temperature 30No. of thermometer 55101 Cor. 0Corrected temperature 30Air 52, Surface 48 Drift 1/2Trawl or dredge 21-30

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DOWN. | UP. |
|-------|-----|--------|-------|-----|
| | | 0 | | |
| | | 100 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2463 Date July 5, 1881Sigsbee Machine. 1 Reel.Turns 418 Cor. + 1 Depth 419

Shot or lead

Bottom gy. m.Bottom temperature 34No. of thermometer 53731 Cor. 0Corrected temperature 30Air 50 Surface 48 Drift 3 mi.

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DOWN. | UP. |
|-------|-----|--------|-------|-----|
| | | 0 | | |
| | | 100 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. _____ Date July 3rd 10:05 AM
 Tanner _____ Machine _____ Reel _____
 Turns 41 Cor. + 1 Depth 42
 Shot or lead 18 lbs
 Bottom wh. & blk sand, Brk Sh.
 Bottom temperature 32
 No. of thermometer 53731 Cor. 0
 Corrected temperature 32
 Air 52 Surface 47 Drift N. 1/2 W.
 Trawl or dredge _____

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DOWN. | UP. |
|-------|----------|--------|----------|-------|
| 10.05 | 10 06.20 | 0 | 10.12.00 | 31.00 |
| | | 100 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| |
|------|
| 2500 |
| 2600 |
| 2700 |
| 2800 |
| 2900 |
| 3000 |
| 3100 |
| 3200 |
| 3300 |
| 3400 |
| 3500 |
| 3600 |
| 3700 |
| 3800 |
| 3900 |
| 4000 |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2465 Date _____Machine. T Reel. _____Turns 2 Cor. + 1 DepthShot or lead 15

Bottom

Bottom temperature

No. of thermometer 951 Cor. 0Corrected temperature 30Air 22 Surface 22 Drift 10

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|----------------|-----|--------|---------------|-----|
| DOWN. | UP. | | DOWN. | UP. |
| <u>Down</u> | | 0 | | |
| | | 100 | <u>12. 74</u> | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

*At 1000 fms. water surface
1000 fms. 42 fms. water surface. Also, 400 fms.*

No. 2615 DateMachine. 1 Reel...Turns 1 Cor. + 7 DepthShot or lead 16 lb

Bottom

Bottom temperature

No. of thermometer 5575 Cor. 0Corrected temperature 30Air 53 Surface 57 Drift

Trawl or dredge

| SOUNDING WIRE. | | TURNS. | DREDGE ROPE. | |
|----------------|-----|--------|------------------|----------|
| DOWN. | UP. | | DOWN. | UP. |
| <u>207</u> | | 0 | <u>4. 15. 20</u> | <u>0</u> |
| | | 100 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2467 Date July 31 1851

Machine. Reel.

Turns 31 Cor. + 1 Depth 32Shot or lead 18 lbBottom fine, sh. sand. M. sp.Bottom temperature 36.No. of thermometer 53731 Cor. -.2Corrected temperature 35.8Air 58, Surface 52 Drift~~Trawl or dredge~~ Ship

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

51.51 W 5,

85 "

12
cable down

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

2166 666 666

No. 2468 Date 1 July 1881Machine. Tanner Reel.Turns 411 Cor. + 1 DepthShot or lead 18

Bottom

Bottom temperature

No. of thermometer 31 Cor. 0Corrected temperature 33Air 57 Surface 52 Drift 1.0 2~~Trawl or dredge~~

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DOWN. | UP. |
|-------|-----|--------|-------|-----|
| | | 0 | | |
| | | 100 | | |
| | | 200 | | |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2469 Date July 4 4:04
Sigsbee Machine. 1 Reel.
 Turns 181 Cor. + 20 Depth 201
 Shot or lead 35 lb

Bottom green mud

Bottom temperature 40.8

No. of thermometer 53731 Cor. - 3

Corrected temperature 40.5

Air 55 Surface 55 Drift 0

Trawl or dredge 2

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4.04.40 4.10.10

04.50 4.08.20

5.20 4.07.10

0

100

150

200

300

350

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

4.29 16.40

4.33 13.30

36.20 10.15

41.00 07.10

44.00 5.15

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

Trawl continued

REMARKS:

Large number of *penaeid*
 4 species of sea anemone
 Large number of *Isidarians*
 19 *platypharodon*, 2 *new* *haddock*
 few starfish.

No. 2470

Date July 4th 1911

Sigsbee Machine. 1 Reel.

Turns 202 Cor. + 22 Depth 224

~~Shot or lead~~ 35 lbs

Bottom Gray mud

Bottom temperature 40½

No. of thermometer 53731 Cor. - 3

Corrected temperature 40.2

Air 56 Surface 54 Drift ESE, 1½ m

Trawl or dredge L.O.

SOUNDING WIRE.

DREDGE ROPE.

| DOWN. | UP. | TURNS. | DOWN. | UP. |
|--------|-------|--------|--------|---------|
| 7.11.5 | 21.30 | 0 | 7.37.0 | 23.30 |
| 12.15 | 20.00 | 100 | 41.40 | 20.30 |
| 12.50 | 16.00 | 200 | 44.30 | 18.00 |
| | | 300 | 46.40 | 15.30 |
| | | 400 | 50.00 | 13.00 |
| | | 450 | | |
| | | 500 | 52.30 | 8.11.30 |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|--------------------------------------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | Trawl contained | | | |
| 800 | Several varieties of shells | | | |
| 900 | 30 to 40 small specimens. | | | |
| 1000 | 1 specimen <i>Goniatites cupreus</i> | | | |

REMARKS:
 Number of sea urchins—
 estimated. Several varieties
 of starfish. Many sea pens
 chiefly *Protula* & *Stolidia*
 numbers of *Stolidia* eggs with embryos.
Rissia megastera.

No. 471

Date July 4th 10:22 AM

Sigsbee

Machine. / Reel.

Turns 175 Cor. 1 Depth 218

Shot or lead 35 lb

Bottom Grey mud & sand

Bottom temperature 40.7

No. of thermometer 53731 Cor. -.3

Corrected temperature 40.4

Air 50 Surface 53 Drift S 1/2 E 1/2 N

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10. 22.00 29.00

0

100

175

200

300

400

430

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

36.10

40.00

44.00

48.20

50.30

21.30

18.50

16.10

13.10

11.11

No. *Hyd 772* Date *July 4th 1881*
Sigsbee Machine. / Reel.
 Turns *689* Cor. + *72* Depth *761*
 Shot or lead *35 lb*

Bottom *gy. m.*

Bottom temperature *31*

No. of thermometer *53731* Cor. - *3*

Corrected temperature *38.7*

Air *56* Surface *52* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

| | | | | | |
|----------|-------------|-------------|------------|--|--|
| <i>1</i> | <i>3:00</i> | <i>3:00</i> | 0 | | |
| | <i>3:05</i> | <i>2:55</i> | 100 | | |
| | <i>3:10</i> | <i>2:50</i> | 200 | | |
| | <i>3:15</i> | <i>2:45</i> | 300 | | |
| | <i>3:20</i> | <i>2:40</i> | 400 | | |
| | <i>3:25</i> | <i>2:35</i> | 500 | | |
| | <i>3:30</i> | <i>2:30</i> | 600 | | |
| | <i>3:35</i> | <i>2:25</i> | <i>689</i> | | |
| | <i>3:40</i> | <i>2:20</i> | 700 | | |
| | | | 800 | | |
| | | | 900 | | |
| | | | 1000 | | |
| | | | 1100 | | |
| | | | 1200 | | |
| | | | 1300 | | |
| | | | 1400 | | |
| | | | 1500 | | |
| | | | 1600 | | |
| | | | 1700 | | |
| | | | 1800 | | |
| | | | 1900 | | |
| | | | 2000 | | |
| | | | 2100 | | |
| | | | 2200 | | |
| | | | 2300 | | |
| | | | 2400 | | |

| |
|------|
| 2500 |
| 2600 |
| 2700 |
| 2800 |
| 2900 |
| 3000 |
| 3100 |
| 3200 |
| 3300 |
| 3400 |
| 3500 |
| 3600 |
| 3700 |
| 3800 |
| 3900 |
| 4000 |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *711* Date *July 1, 1880*

Machine Machine. Reel.

Turns *721* Cor. *75* Depth *795*

Shot or lead *35 lb*

Bottom *gray org*

Bottom temperature *39*

No. of thermometer *53731* Cor. *- 3*

Corrected temperature *35.7*

Air *59* Surface *54* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | |
|-----------------|--------------|------|--|
| <i>1.51.00</i> | | 0 | |
| <i>5.00</i> | | 100 | |
| <i>5.50.00</i> | <i>11.00</i> | 200 | |
| <i>6.40.00</i> | <i>10.50</i> | 300 | |
| <i>7.30.00</i> | | 400 | |
| <i>8.20.00</i> | | 500 | |
| | | 600 | |
| <i>9.10.00</i> | | 700 | |
| <i>10.00.00</i> | | 800 | |
| | | 900 | |
| | | 1000 | |
| | | 1100 | |
| | | 1200 | |
| | | 1300 | |
| | | 1400 | |
| | | 1500 | |
| | | 1600 | |
| | | 1700 | |
| | | 1800 | |
| | | 1900 | |
| | | 2000 | |
| | | 2100 | |
| | | 2200 | |
| | | 2300 | |
| | | 2400 | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *717* Date *Nov 21 1881*
 Machine. *1* Reel.
 Turns *512* Cor. + *54* Depth *566*
 Shot or lead *35*
 Bottom *hard*
 Bottom temperature
 No. of thermometer *5378* Cor. - *.3*
 Corrected temperature *38.7*
 Air *59* Surface *58* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*2, 41.00**42.00**43.00**44.00**45.00**46.10*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *Hyd* Date *3:15*
Sigsbee Machine. *1* Reel.
 Turns *330* Cor. + *36* Depth *36*
 Shot or lead *35 lb*
 Bottom *gy. m. 4*
 Bottom temperature *40*
 No. of thermometer *53731* Cor. *-.3*
 Corrected temperature *39.7*
 Air *59* Surface *53* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | |
|----------------|--------------|------|
| <i>3.16.00</i> | <i>25.00</i> | 0 |
| <i>17.25</i> | <i>23.50</i> | 100 |
| <i>18.35</i> | <i>22.55</i> | 200 |
| <i>20.00</i> | <i>21.45</i> | 300 |
| <i>20.30</i> | <i>21.30</i> | 400 |
| | | 500 |
| | | 600 |
| | | 700 |
| | | 800 |
| | | 900 |
| | | 1000 |
| | | 1100 |
| | | 1200 |
| | | 1300 |
| | | 1400 |
| | | 1500 |
| | | 1600 |
| | | 1700 |
| | | 1800 |
| | | 1900 |
| | | 2000 |
| | | 2100 |
| | | 2200 |
| | | 2300 |
| | | 2400 |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

SCP

No. *1791* Date *Oct 1 1891*Machine. *1* Reel.Turns *410* Cor. *47* Depth *454*Shot or lead *35 lb*Bottom *grey ooze*Bottom temperature *40*No. of thermometer *53, 31* Cor. *-.3*Corrected temperature *39.7*Air *59* Surface *53* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | |
|-----------------|--------------|------|
| <i>3, 37.00</i> | <i>48.2</i> | 0 |
| <i>38.25</i> | <i>47.25</i> | 100 |
| <i>39.50</i> | <i>46.30</i> | 200 |
| <i>41.30</i> | <i>45.30</i> | 300 |
| <i>43.00</i> | <i>44.30</i> | 400 |
| | | 500 |
| | | 600 |
| | | 700 |
| | | 800 |
| | | 900 |
| | | 1000 |
| | | 1100 |
| | | 1200 |
| | | 1300 |
| | | 1400 |
| | | 1500 |
| | | 1600 |
| | | 1700 |
| | | 1800 |
| | | 1900 |
| | | 2000 |
| | | 2100 |
| | | 2200 |
| | | 2300 |
| | | 2400 |

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. *Hyd 1777* Date *July 4th*
Sigsbee Machine. *1* Reel.

Turns *500* Cor. *+* *33* Depth *533*

Shot or lead *35 lbs*

Bottom *Coarse Sand & gravel*

Bottom temperature *40.3*

No. of thermometer *53731* Cor. *- .3*

Corrected temperature *40*

Air *59* Surface *53* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

REMARKS:

No. 2472Date 15 4:23 PMSigsbee Machine. 1 Reel.Turns 124 Cor. + 13 Depth 137Shot or lead 35 lbBottom Coarse Sand & gravBottom temperature 40.3No. of thermometer 52731 Cor. - .3Corrected temperature 40Air 59 Surface 53 Drift 16 1/4 1/2 W.Trawl or dredge Tanner's

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

| | | | | |
|----------|-------|------|----------|-------|
| 4, 23.00 | 27.00 | 0 | 4, 30.00 | 59.00 |
| 24.05 | 25.45 | 100 | 34.30 | 56.30 |
| 24.25 | 25.45 | 200 | 41.20 | 53.50 |
| | | 240 | 45.00 | 50.00 |
| | | 300 | | |
| | | 400 | | |
| | | 500 | | |
| | | 600 | | |
| | | 700 | | |
| | | 800 | | |
| | | 900 | | |
| | | 1000 | | |
| | | 1100 | | |
| | | 1200 | | |
| | | 1300 | | |
| | | 1400 | | |
| | | 1500 | | |
| | | 1600 | | |
| | | 1700 | | |
| | | 1800 | | |
| | | 1900 | | |
| | | 2000 | | |
| | | 2100 | | |
| | | 2200 | | |
| | | 2300 | | |
| | | 2400 | | |

| | | |
|--|------|--|
| | 2500 | |
| | 2600 | |
| | 2700 | |
| | 2800 | |
| | 2900 | |
| | 3000 | |
| | 3100 | |
| | 3200 | |
| | 3300 | |
| | 3400 | |
| | 3500 | |
| | 3600 | |
| | 3700 | |
| | 3800 | |
| | 3900 | |
| | 4000 | |

SERIAL TEMPERATURES.

| DEPTH. | TEMP. | NO. OF THER. | COR. | COR. TEMP. |
|--------|-------|--------------|------|------------|
| 25 | | | | |
| 50 | | | | |
| 100 | | | | |
| 200 | | | | |
| 300 | | | | |
| 400 | | | | |
| 500 | | | | |
| 600 | | | | |
| 700 | | | | |
| 800 | | | | |
| 900 | | | | |
| 1000 | | | | |

July 10 1881

REMARKS: *Under way*

۱- ✓ ک د

۲۵ - ۱ - م

$$\begin{array}{r} 31.53 \\ 135- \\ \hline 51.28 \end{array}$$

$$\begin{array}{r} 31.53 \\ 135- \\ \hline 488 \\ 528 \end{array}$$

$$\begin{array}{r} 221- \\ 135- \\ \hline 4.00 \end{array}$$

$$\begin{array}{r} 249 \\ 135- \\ \hline 34 \end{array}$$

$$\begin{array}{r} 359 \\ 135 \\ \hline 4.94 \\ 134 \\ \hline 5.34 \end{array}$$

$$\begin{array}{r} 255 \\ 135- \\ \hline 4.93 \end{array}$$

$$\begin{array}{r} 359 \\ 135- \\ \hline 4.94 \\ 5.34 \end{array}$$

409

$$\begin{array}{r} 353 \\ 435 \\ \hline 4788 \\ 1,28 \\ \hline 528 \end{array}$$

$$\begin{array}{r} 14 \\ 35- \\ \hline 5.49 \end{array}$$

$$\begin{array}{r} 5000 \\ 279 \end{array}$$

$$\begin{array}{r} 4721 \end{array}$$

$$\begin{array}{r} 152 \end{array}$$

$$\begin{array}{r} 4848 \end{array}$$

$$\begin{array}{r} 5000 \\ 330 \end{array}$$

$$\begin{array}{r} 4670 \end{array}$$

$$\begin{array}{r} 5000 \end{array}$$

$$\begin{array}{r} 1365 \end{array}$$

$$\begin{array}{r} 3635 \end{array}$$

$$\begin{array}{r} 5000 \\ 878 \end{array}$$

$$\begin{array}{r} 4122 \end{array}$$

$$\begin{array}{r} 5000 \\ 689 \end{array}$$

$$\begin{array}{r} 4311 \end{array}$$

$$\begin{array}{r} 5000 \\ 1939 \end{array}$$

$$\begin{array}{r} 3061 \end{array}$$

$$\begin{array}{r} 5000 \end{array}$$

$$\begin{array}{r} 473 \end{array}$$

$$\begin{array}{r} 4527 \end{array}$$

$$\begin{array}{r} 5000 \\ 748 \end{array}$$

$$\begin{array}{r} 4252 \end{array}$$

$$\begin{array}{r} 5000 \end{array}$$

$$\begin{array}{r} 970 \end{array}$$

$$\begin{array}{r} 4030 \end{array}$$

$$\begin{array}{r} 5000 \\ 720 \end{array}$$

$$\begin{array}{r} 4280 \end{array}$$

$$\begin{array}{r} 81.3 \\ 75.4 \end{array}$$

$$\begin{array}{r} 6.7 \end{array}$$

$$\begin{array}{r} 5009 \\ 181 \\ \hline 4819 \end{array}$$

$$\begin{array}{r} 500.0 \\ 2865 \\ \hline 7132 \end{array}$$

$$\begin{array}{r} 5000 \\ 2729 \\ \hline 2271 \end{array}$$

$$\begin{array}{r} 49.00 \\ 17.60 \\ \hline 31.40 \end{array}$$

$$\begin{array}{r} 4.35 \\ 1.35 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 1942 \\ 6 \\ \hline 6000 \overline{) 12252} \quad (2 \\ \underline{12000} \\ 252 \\ \underline{2400} \\ 122 \end{array}$$

$$55.72$$